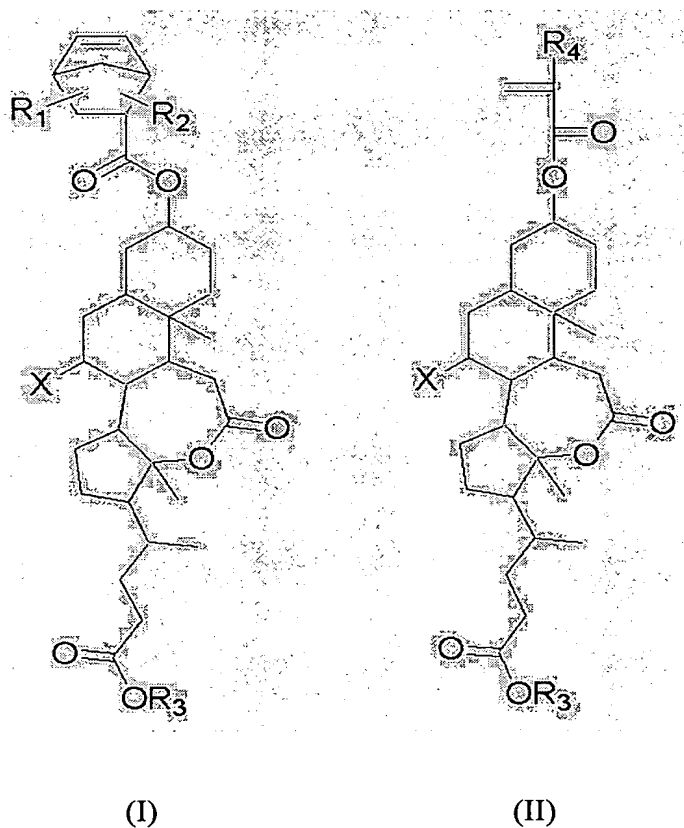


Amendments to the Specification

Please replace Paragraph [0024] with the following paragraph:

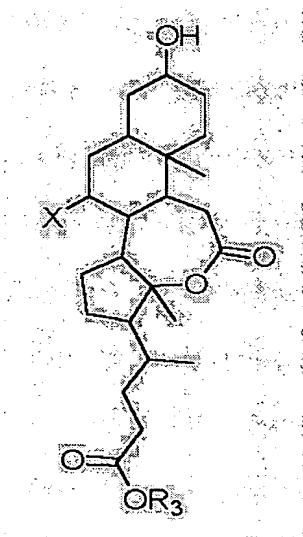
In the first embodiment of the present invention, norbornene, acrylate and methacrylate monomers containing an oxepan-2-one group, are represented by [[any]] one of Formulae (I) and (II):



wherein R₁, R₂ and R₄ are each independently hydrogen, C₁₋₄ alkyl, C₁₋₄ alkoxy or phenyl; R₃ is hydrogen, C₁₋₂₀ alkyl, C₁₋₂₀ alkoxy, phenyl, C₁₋₂₀ hydroxyalkyl, C₁₋₂₀ alkoxyalkyl, C₆₋₃₀ alicyclic hydrocarbon or C₆₋₃₀ aliphatic lactone; and X is hydrogen or hydroxyl.

Please replace Paragraph [0025] with the following paragraph:

In the second embodiment of the present invention, a method for preparing the norbornene, acrylate and methacrylate monomers by reacting an alcoholic compound containing an oxepan-2-one group, which is represented by Formula (III):



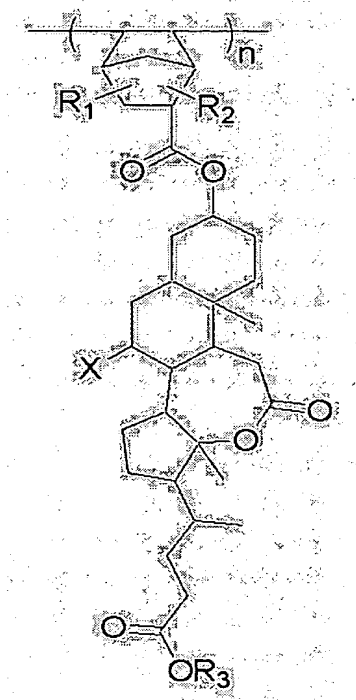
(III)

wherein R_3 is hydrogen, C_{1-20} alkyl, C_{1-20} alkoxy, phenyl, C_{1-20} hydroxyalkyl, C_{1-20} alkoxyalkyl, C_{6-30} alicyclic hydrocarbon or C_{6-30} aliphatic; and X is hydrogen or hydroxyl, with 2-chlorocarbonyl-5-norbornene, acryloyl chloride or methacryloyl chloride at atmospheric pressure and 0°C for about one to about two hours, followed by reacting the reaction mixture at atmospheric pressure and room temperature for about 5 hours to about 6 hours.

Please replace Paragraph [0026] with the following paragraph:

In the third embodiment of the present invention, there is provided a photoresist composition, comprising:

a polymer represented by Formula (IV):



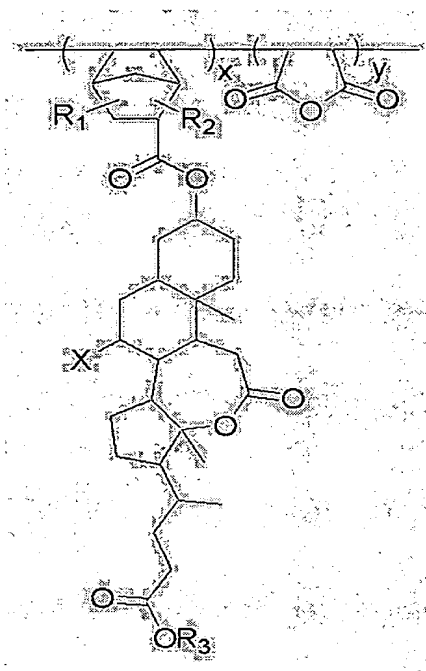
(IV)

wherein R₁ and R₂ are each independently hydrogen, C₁₋₄ alkyl, C₁₋₄ alkoxy or phenyl; R₃ is hydrogen, C₁₋₂₀ alkyl, C₁₋₂₀ alkoxy, phenyl, C₁₋₂₀ hydroxyalkyl, C₁₋₂₀ alkoxyalkyl, C₆₋₃₀ alicyclic hydrocarbon or C₆₋₃₀ aliphatic lactone; X is hydrogen or hydroxyl; and n represents the monomer or degree of polymerization and is an integer from about 1 to about 1000, and
a photoacid generator.

Please replace Paragraph [0027] with the following paragraph:

In accordance with another aspect of the third embodiment of the present invention, there is provided a photoresist composition, comprising:

a polymer represented by Formula (V):



(V)

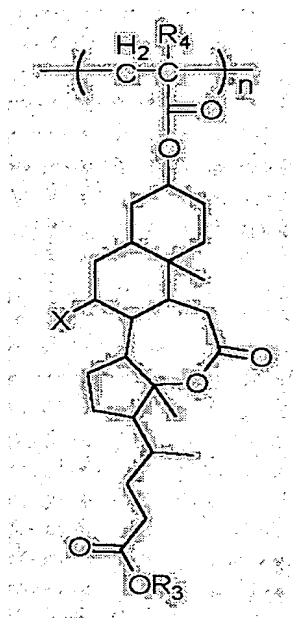
wherein R_1 , R_2 , and R_4 are each independently hydrogen, C_{1-4} alkyl, C_{1-4} alkoxy or phenyl; R_3 is hydrogen, C_{1-20} alkyl, C_{1-20} alkoxy, phenyl, C_{1-20} hydroxyalkyl, C_{1-20} alkoxyalkyl, C_{6-30} alicyclic hydrocarbon or C_{6-30} aliphatic lactone; X is hydrogen or hydroxyl; and x and y each represents molar ratio of each monomer unit and the sum $x + y$ is 1, and

a photoacid generator.

Please replace Paragraph [0028] with the following paragraph:

In accordance with another aspect of the third embodiment of the present invention, there is provided a photoresist composition, comprising:

a polymer represented by Formula (VI):



(VI)

wherein ~~R₁, R₂ and R₄~~ is ~~is~~ are each independently hydrogen, C₁₋₄ alkyl, C₁₋₄ alkoxy or phenyl; R₃ is hydrogen, C₁₋₂₀ alkyl, C₁₋₂₀ alkoxy, phenyl, C₁₋₂₀ hydroxyalkyl, C₁₋₂₀ alkoxyalkyl, C₆₋₃₀ alicyclic hydrocarbon or C₆₋₃₀ aliphatic lactone; X is hydrogen or hydroxyl; and n represents the monomer or degree of polymerization and is an integer from about 1 to about 1000, and

a photoacid generator.

Please replace Paragraph [0033] with the following paragraph:

In accordance with another aspect of the fourth embodiment of the present invention, there is provided a method for preparing a photoresist composition, comprising:

homopolymerizing the ~~norbornene~~ monomer of Formula (II) or copolymerizing the monomer and maleic anhydride to prepare a polymer; and
dissolving the polymer and a photoacid generator in a solvent.

Please replace Paragraph [0034] with the following paragraph:

In accordance with another aspect of the fourth embodiment of the present invention, there is provided a method for preparing a photoresist composition, comprising:

homopolymerizing the ~~norbornene~~ monomer of Formula (II), or copolymerizing the monomer and an acrylate or methacrylate monomer containing an alicyclic hydrocarbon or aliphatic lactone group, to prepare a polymer; and

dissolving the polymer and a photoacid generator in a solvent.